

Title (en)  
FLUID MIGRATION BARRIER SYSTEM

Title (de)  
FLÜSSIGKEITSWANDERUNGSBARRIERE

Title (fr)  
BARRIERE DE MIGRATION D' UN LIQUIDE

Publication  
**EP 1007982 B1 20050309 (EN)**

Application  
**EP 97954600 A 19971219**

Priority  
• US 9723630 W 19971219  
• US 77056296 A 19961220

Abstract (en)  
[origin: US6184674B1] Moving magnet indicating instruments in which a damping fluid migration barrier projects from the inside of one wall of the bobbin coil and another damping fluid migration barrier projects from the face of the rotor which confronts that wall. Certain fluids have a tendency to migrate, or "creep," over surfaces they contact. The fluid migration barriers of the present invention prevent unwanted migration of fluid out of a cavity by providing a sharp peak over which the fluid cannot creep.

IPC 1-7  
**G01R 1/20**; **G01D 11/12**; **G01R 7/06**; **F16F 9/12**; **F16F 9/36**

IPC 8 full level  
**G01D 7/04** (2006.01); **G01D 11/12** (2006.01); **G01R 7/06** (2006.01)

CPC (source: EP US)  
**G01D 7/04** (2013.01 - EP US); **G01D 11/12** (2013.01 - EP US); **G01R 7/06** (2013.01 - EP US)

Designated contracting state (EPC)  
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**US 14674198 A 19980903**; AU 5901198 A 19971219; CA 2275182 A 19971219; DE 69732718 T 19971219; EP 97954600 A 19971219; US 77056296 A 19961220; US 9723630 W 19971219